

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. Please amend claims 1 and 2, and add new claims 17-20 as follows.

1. (Currently Amended) An eye drop container ~~including~~ comprising:

a bottomed conical hollow formed in the tip end of the container body formed from a thermoplastic material with a liquid filled and sealed therein simultaneously during ~~the~~ a blow molding or vacuum molding process, ~~the~~ said hollow having an inside diameter enlarging toward the tip end, and being formed by pressing of a convex forming die along an axial direction of the container;

a small-diameter instilling hole penetrated through a bottom of ~~the~~ said hollow for controlling, at a set quantity, the liquid pushed out of the container body, said instilling hole being formed by pressed-penetration of a needle-like forming die along the axial direction of the container; and

an outer peripheral face formed in an instilling tube portion of the container body on the outer side of the hollow by a bowl-shaped surface of a die in the course of either the molding process using the convex die or the forming process using the needle-like die.

2. (Currently Amended) An eye drop container ~~including~~ comprising:

a bottomed conical hollow formed in the tip end of a container body formed of a thermoplastic material with a liquid filled and sealed therein simultaneously during ~~the~~ a blow molding process or vacuum molding process, ~~the~~ said hollow having an inside diameter enlarging toward the tip end and being formed by pressing of a convex forming die along an axial direction of the container,

wherein said hollow is shaped so that a small-diameter instilling hole can be penetrated through the bottom of ~~the~~ said hollow for controlling, to a set quantity, the liquid pushed out of the container body toward the bottom of said hollow; and

said container further comprising an outer peripheral face formed in an instilling tube portion of the container body on the outer side of the hollow by a bowl-shaped surface of a die in the course of the molding process using the convex die.

3. (Previously Presented) The eye drop container as defined in claim 1, wherein said container body has a threaded portion formed integral therewith for detachable meshing a cap to seal the said hollow of the container body.

4. (Previously Presented) The eye drop container as defined in claim 1, wherein said hollow has a depth in a range of 2 to 7mm.

5. (Previously Presented) The eye drop container as defined in claim 1, wherein said hollow has an opening diameter adjacent the tip end in a range of 2 to 4mm.

6. (Withdrawn) A method of manufacturing an eye drop container as defined in claim 1, comprised of pressing, in the direction of a container axis and against the tip end of the container body with the liquid filled and sealed therein simultaneously during the molding process, a convex forming die for forming the said hollow, and a needle-like forming die for forming the said small-diameter instilling hole.

7. (Withdrawn) A method of manufacturing an eye drop container as defined in claim 2, comprised of pressing a convex forming die for forming the said hollow, in the direction of the container axis and against the tip end of the container body with the liquid filled and sealed therein simultaneously during the molding process.

8. (Withdrawn) The method of manufacturing an eye drop container, as defined in claim 6, comprised of heating at least a portion formed by the said convex forming die, to a non-buckle temperature with heating means before the forming process.

9. (Withdrawn) The method of manufacturing an eye drop container, as defined in claim 6, comprised of forming said hollow and instilling hole in the tip end of the container by using a single forming die and integrating the said convex forming die and the said needle-like forming die.

10. (Previously Presented) The eye drop container as defined in claim 2, wherein said container body has a threaded portion formed integral therewith for detachable meshing a cap to seal the said hollow of the container body.

11. (Withdrawn) A method of manufacturing an eye drop container as defined in claim 10, comprised of pressing, in the direction of a container axis and against the tip end of the container body with the liquid filled and sealed therein simultaneously during the molding process, a convex forming die for forming the said hollow, and a needle-like forming die for forming the said small-diameter instilling hole.

12. (Withdrawn) The method of manufacturing an eye drop container, as defined in claim 11, comprised of heating at least a portion formed by the said convex forming die, to a non-buckle temperature with heating means before the forming process.

13. (Withdrawn) The method of manufacturing an eye drop container, as defined in claim 11, comprised of forming said hollow and instilling hole in the tip end of the container by using a single forming die and integrating the said convex forming die and the said needle-like forming die.

14. (Previously Presented) The eye drop container as defined in claim 2, wherein said hollow has a depth in a range of 2 to 7mm.

15. (Previously Presented) The eye drop container as defined in claim 2, wherein said hollow has an opening diameter adjacent the tip end in a range of 2 to 4mm.

16. (Withdrawn) The method of manufacturing an eye drop container, as defined in claim 7, comprised of heating at least a portion formed by the said convex forming die, to a non-buckle temperature with heating means before the forming process.

17. (New) An eye drop container, comprising:

a flexible hollow body portion having a closed end for containing a liquid therein; and

a dispensing body portion having a tip end spaced from the closed end of the hollow body portion, the hollow body portion and the dispensing body portion integrally and unitarily formed as one piece, with the liquid free to move within the container between the flexible hollow body portion and the dispensing body portion, the dispensing body portion, comprising:

a first hollow body segment having an external surface and an opposite internal circular surface, with the internal circular surface having decreasing diameter as the distance from the tip end decreases; and

a second body segment extending from the tip end into the first segment, the second segment having an outside circular surface and an opposite internal surface, with the internal surfaces of the first and second segments facing one another, spaced from one another, and the external surface of the second segment having increasing diameter as the distance from the tip end decreases, with the second segment at a predetermined distance from the tip end terminating in a small-diameter instilling hole,

wherein applying a predetermined pressure to the body portion moves a predetermined amount of the fluid in the container through the instilling hole.

18. (New) The eye drop container as defined in claim 17, further comprising a cap detachably secured to the dispensing body portion, the cap comprising an internal nib shaped to engage selected portions of the external walls of the second part when the cap is securely mounted on the hollow body portion.

19. (New) The eye drop container as defined in claim 17, wherein the external surface of the first part and the internal surface of the second part are circular, with the diameter of the external surface of the first part decreasing as the distance from the tip end decreases and the diameter of the internal surface of the second part decreases as the distance from the tip end increases, and the internal surfaces of the first and second parts facing one another are spaced from one another.

20. (New) The eye drop container as defined in claim 19, wherein outer surface portion of the hollow body portion adjacent the dispensing body portion has external threaded portion formed integrally therewith, and further comprising a cap having an open end, internal threads sized to mesh with external threaded portion of hollow body portion, and a closed end having a nib shaped to engage selected portions of the external walls of the second part when the threads of the cap are detachably meshed with the threaded portion of the hollow body portion.